

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

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19. Mai 2005

WV: / LF:

PCT

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY

(PCT Rule 66)

Date of mailing
(day/month/year)

17-05-2005

Applicant's or agent's file reference

51518wo

REPLY DUE

within 60 days from
the above date of mailing

International application No.

PCT/IB 2003/02244

International filing date (day/month/year)

12-06-2003

Priority date (day/month/year)

International Patent Classification (IPC) or both national classification and IPC

H04M 1/02, H04B 1/40

Applicant

NOKIA CORPORATION ET AL

TK 16.7.05 not. 35

1. ☐ The written opinion established by the International Searching Authority:

☐ is

☐ is not

considered to be a written opinion of the International Preliminary Examining Authority.

2. This FIRST (first, etc.) opinion contains indications relating to the following items:



Box No. I

Basis of the opinion



Box No. II

Priority



Box No. III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability



Box No. IV

Lack of unity of invention



Box No. V

Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement



Box No. VI

Certain documents cited



Box No. VII

Certain defects in the international application



Box No. VIII

Certain observations on the international application

3. The applicant is hereby **invited to reply** to this opinion.

When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(e).

How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.

Also For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis. For an informal communication with the examiner, see Rule 66.6. For an additional opportunity to submit amendments, see Rule 66.4.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary report on patentability (Chapter II of the PCT) must be established according to Rule 69.2 is:

12-10-2005

Name and mailing address of the IPEA/SE

Patent- och registreringsverket

Box 5055

S-102 42 STOCKHOLM

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Authorized officer

Behroz Moradi /ITW

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WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

PCT/IB 2003/02244

Box No. I Basis of the opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion is based on a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of:

- ☐ international search (under Rules 12.3 and 23.1(b))
☐ publication of the international application (under Rule 12.4)
☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this opinion has been established on the basis of *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed.")*:

☒ the international application as originally filed/furnished

☐ the description:

pages _____ as originally filed/furnished

pages _____ received by this Authority on _____

pages _____ received by this Authority on _____

☐ the claims:

pages _____ as originally filed/furnished

pages _____ as amended (together with any statement) under Article 19

pages _____ received by this Authority on _____

pages _____ received by this Authority on _____

☐ the drawings:

pages _____ as originally filed/furnished

pages _____ received by this Authority on _____

pages _____ received by this Authority on _____

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

4. ☐ This opinion has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (*specify*): _____

☐ any table(s) related to the sequence listing (*specify*): _____

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

PCT/IB 2003/02244

Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | |
|-------------------------------|--------|-------------|
| Novelty (N) | Claims | <u>1-16</u> |
| | Claims | |
| Inventive step (IS) | Claims | <u>1-16</u> |
| | Claims | |
| Industrial applicability (IA) | Claims | |
| | Claims | |

2. Citations and explanations:

Cited documents in the International Search Report:

D1: EP 1091540 A3
D2: US 2003017848 A1
D3: US 2003017839 A1
D4: WO 0211074 A2
D5: US 200336362 A2
D6: US 2003104791 A1
D7: US 2003008679 A1

D1 describes a detachable (= exchangeable) mobile communication device cover comprising a key board (= keypad). The cover is connected to the keyboard and a bus interface (= common bus 30 [22]), for connection of the cover processor to a mobile communication module, wherein the bus interface is adapted to operate with a plurality of mobile communication modules. The mobile communication module comprising a radio interface for connecting to a mobile communication network by a bus interface to connect communication module to a cover having a keypad. There are software tool comprising program code means stored on a computer readable medium (= RAM & ROM), downloadable program code stored on the medium, (page 1, part 1- part 9).

D2 describes an electronic device such as a mobile phone, a personal digital assistant, a palm sized personal computer, a media player or a game console, is provided with an interchangeable covering having visual representation of a theme, and an electronic component embedded therein having data and/or programming instructions for non-visual

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: BOX V

representation of the theme. Additionally, a coupler, such as a contact or a contact less, facilitates exchange of the data and/or programming instructions between the electronic device and the electronic component embedded within the interchangeable covering. The exchanged data personalizes the electronic devices to the predetermined theme. As a result, personalization of electronic devices to a theme may be accomplished more efficiently, (page 1 part 14, page 6 part 53, abstract).

D3 describes an interchangeable covering for a mobile electronic communication device (mobile device) includes an electronic component having a switch unit, a personalization unit and an interface unit. The switch unit includes key(s) that are accessible to the user when the covering is fitted to the mobile device. The personalization unit stores information such as music data files, audio ring files, screen animation files, data files (e.g., telephone numbers, email addresses, URLs, radio channels, etc.) and/or instructions that can be executed by a processor in the mobile device. The user can use the switch unit to access the information in the personalization unit. The personalization unit interacts with the electronics of the mobile device via the interface unit, (page 1 part 5-8, abstract, figures 3-7).

D4-D7 describe the prior art of the invention.

A device, method and program according to claims 1, 6, 11-12 and 14-16 are known from documents D1-D3 each. Thus, the invention defined in claims 1, 6, 11-12 and 14-16 is not new and consequently lacks novelty and inventive step.

The remaining claims are considered to involve particular detail executions obvious to a person skilled in the art. Therefore, the invention according to these claims is not considered to involve an inventive step.